Abstract & final

AEE/KSD/SBR/200/15-16
dt- 24/2/16.

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. .....
Name of Work Improvements to roads & drains at Sankarapalli & Tarapuram areas in ward no. 8, Kodigehalli sub division. From..... To..... 262901
Name of Contractor of nature of Agency P. Vijaya Babu, Sanjeeva
Date of commencement of work 02-01-2016 BR-284/21-3/16

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost : Rs. 30.00 lakhs AS No. 1138/14-15 dtd 4.12.14 TS No. 26/14-15 dtd 22.12.2014 FDR No. 008-15-000030 Work order no. EE/STP/SBNR/E-Mail/55/2014-15 dtd						28.4.15
	Measurement recorded on : 24-02-2016						
1)	Earth work excavation by manual means in ordinary soil, excavated earth leveled & dressed, as directed, as per site plan vide page No. (1) & page 26295					621.33 cum 615.60 cum	
					Limited to	Rs.	52326.00
					@ Rs. 85/-		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	Lead for disposal of debris by mechanical means as directed.						
	Qty vide item no. (16)	1	262952	- -	- -	536.61 cum	
			Limited to			522.26 cum	
						@ Rs. 72/- - - Rs	37675/-
2)	Removing BS class of dear & stacking as directed.						
	Qty vide item no. (2)	1	262952	- -		1937.10 Sqm	
						@ Rs. 98/- - - -	189952/-
3)	Refixing stone class of dear & pointing in CM 1:3 as directed.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide item no. (1)
4)	providing & laying with CC cement graded granite @ 0.57 cum Qty vide item no

Contents	Reference to last Measurement
7	8
536.61 cum	
521.26 cum	
. Rs.	37675/-
937.10 Sqm	
...	11235.2/-

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No. B

Serial No. .....

Name of Work ..... From..... To..... 262902

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide Item No.(3) of Part 26	Part 26	2953	-	-	1937.10 Sqm	
	@ Rs. 75/-					.. Rs	145282/-
	4) providing & laying in position PCC of M15 1:4:8 with OPC cement @ 150 kg with 40mm & dls graded granite metal CA @ 0.85 cum & FA @ 0.57 cum machine mixed, cast of all materials etc complete.						
	Qty vide item No.(4) of Part	262952	-	-	-	3.24 cum	
	@ Rs 4500/-					.. Rs.	14580/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing & constructing in CM 1:6, edges of stones dressed to correct not less than 15 cm thick, bed stones @ 20 cm apart cost of all materials & complete as directed.						
	Qty vide item No. (5)	1	26.29	53		13.61	cum
				Limited to		12.96	cum
			@ Rs. 4773/-			Rs	61858/-
6)	Providing raked pointing to coursed stone masonry with cement mortar 1:4, 20 mm thick after raking joints as directed.						
	Qty vide item No (6)	1	26.29	54		22.68	sqm
				Limited To		21.60	sqm
			@ Rs 93/-			Rs	2009/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
8)	Providing & laying in Cement @ 240 kg Cem, FA @ 0.95 cum in layers cost complete as direc
	Qty vide item No (8)
9)	Providing mild st including straigh placing in positi
	directed cr cem

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
masonry dressed hard stone cr			
. . . .		13.61 cum	
ited to		12.96 cum	
-/- . . . . . Rs		61858/-	
stone 20 mm dey			
. . . .		22.68 SQM	
ited to		21.60 SQM	
. . . . . Rs		2002/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 262903
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
8)	Providing & laying in position RCC 1:2:4 with 20 MM & down CA @ 0.878 cum, FA @ 0.439 cum, machine mixed, laid in layers cost of all materials complete as directed.						
	Qty vide item No (7)	Page 262954				6.48 cum	
				Limited to		5.76 cum	
		@ Rs. 5327/- . .				. . Rs.	30684/-
9)	Providing mild steel reinforcement for RCC work including straightening cutting bending hooking, placing in position, lapping &/or welding as directed & complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide item no. (9)	Rate	252254	- - -		4.82	all
				Limited to		4.47	all
			@ Rs 7975/-	- - -	- -	Rs	35648/-
10)	providing & removing centering, shuttering, steething. including planks cost of all materials, labour etc complete.						
	Qty vide item No. (10)	Rate	262955	- - -		12.78	Sqm
			@ Rs. 292/-	- - -	- -	Rs	3732/-
11)	Scarifying existing stone metal Cover upto 75mm thickness over surface, pitch and scarified materials & stacking						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	serviceable materials
	Qty vide item No. (11)
12)	providing laying approved stone aggregate to required camber, in uniform layers, including cost of all
	Qty vide item No (12)

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		4.82	all
		4.47	all
			35648/-
		12.78	Sqm
			3732/-

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No. B

Serial No. .....

Name of Work ..... From..... To.....262904

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	~~Deliverable~~ materials as directed. Qty vide item No. (11) of Page 262956					2107.73	Sqm
	@ Rs 82/-					Rs	172834/-
(12)	providing laying spreading & compacting graded stone aggregate to wet mix macadam including premixed coarse & mixed material, laying in various layers, rolling to achieve desired density cost of all materials etc complete Qty vide item No (12) of Page 262954 Limited to					384.10 356.40	cum cum
	@ Rs 1280/-					= Rs	456192/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	Cleaning the existing stone road surface including removing of binding materials & other foreign matter with wire brushes & small picks sweeping with brooms etc complete.						
	Qty vide item no (12) of Page 26 2958					4232.14	Sqm
					Limited to	4220.00	Sqm
	@ Rs. 12/-					Rs.	50640/-
14)	Providing & applying primer coat for surfaces of medium porosity like cement plastering or soil base @ 440 kg/sqm over prepared surface etc complete.						
	Qty vide item no. (13) of Page 26 2959					4232.14	Sqm
					Limited to	4220.00	Sqm
	@ Rs. 74/-					Rs.	312280/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
8)	Providing & laying in M20 using OPC cem & dly graded metal, @ 0.459 cum Machi in layers not exce all materials a cubical deck slabs at Kodigahalli circle
15)	Providing & laying cement using coar

	Contents	Reference to last Measurement
pth 6	7	8
	4232.14 Sqm	
	4220.00 Sqm	
	Rs.	518427
	4232.14 Sqm	
	4220.0 Sqm	
	Rs	319680/-

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Measurement Book

No. B

262905

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
8)	Providing & laying in position RCC M20 using OPC cement @ 320 kg/cum with 20mm & down size graded metal, CA @ 0.879 cum & FA @ 0.259 cum machine mixed concrete laid in layers not exceeding 15cm thick compacted & cured complete all materials etc as per design mix approved by Engr.						
	Culvert deck slab at Kadiyabatti circle	1	10.80	1.80	0.25	4.86 Cum	2942/6/-
			@ Rs. 6065/-			Rs.	
15)	Providing & laying ready mix concrete using crushed aggregates of approved grading						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	premixed with bituminous binder & filler, transporting hot mix to worksite, layup with paver, smoothed to required line, level, grade & alignment, rolling with smooth wheeled roller & static roller to achieve desired compaction etc complete as directed. Depression filling Tataraya general road Kottgollahalli main road Sugar calculation Kottgollahalli main road from IAM on upto RHV apartment (during main road)	2	30.0	2.0	0.025	4.50 cum	
		6	30.0	3.0	0.025	13.50 "	
		1	30.0	$\frac{6+5.8}{2}$	0.025	4.41 "	
		1	30.0	$\frac{5.8+7}{2}$	0.025	4.80 "	
		1	30.0	$\frac{7+8.4}{2}$	0.025	5.78 "	
		1	30.0	$\frac{8.4+7}{2}$	0.025	5.78 "	
		1	30.0	$\frac{7+7.7}{2}$	0.025	5.51 "	
		1	30.0	$\frac{7.7+7.3}{2}$	0.025	5.63 "	

Executive Engineer
Byatarayanapura Division

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Checked. 18/3 Executive Engine Tataraya gm cross road

OK

Depth 6	Contents 7	Reference to last Measurement 8
.025	4.50	cum
.025	13.50	"
.025	4.41	"
.025	4.80	"
.025	5.78	"
.025	5.78	"
.025	5.51	"
.025	5.82	"

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....262906

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.0	(7.1+7.9)/2	0.025	5.75	cum
		1	30.0	(7.9+6.9)/2	0.025	5.50	"
		1	30.0	(6.9+7.4)/2	0.025	5.36	"
		1	30.0	(7.4+7.4)/2	0.025	5.55	"
		1	30.0	(7.4+10)/2	0.025	6.52	"
		1	5.0	(10+7.8)/2	0.025	1.11	"
		1	30.0	(11.0+9.5)/2	0.025	7.69	"
		1	30.0	(9.5+11.5)/2	0.025	7.88	"

checked.

18/3

Executive Engineer

By...

Takwapar GM cross road

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Balaji layout 4th main road to Gedu Main Road	1	7.0	(10+7)/2	0.025	1.49	Cum
		1	18.0	(7+6.6)/2	0.025	3.06	"
		1	30.0	(5.9+5)/2	0.025	4.08	"
		1	30.0	(5+4.2)/2	0.025	2.48	"
		1	30.0	(4.2+4.5)/2	0.025	3.26	"
		1	30.0	(4.5+4.4)/2	0.025	3.24	"
		1	30.0	(4.4+4.5)/2	0.025	3.24	"
		1	30.0	(4.5+4.3)/2	0.025	3.18	"
		1	12.0	(4.5+5)/2	0.025	1.42	"
		1	3.0	4.10	0.025	0.15	"
		1	5.0	7.10	0.025	1.33	"
	MC & FC						
	Dr. Ashwath Reddy road near Tamarind trees shop						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
1)	Certified the work is done departmental

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0+7 / 2	0.025	1.49	cum
+6.6 / 2	0.025	3.06	"
.9+5 / 2	0.025	4.08	"
+4.2 / 2	0.025	2.45	"
.2+4.5 / 2	0.025	3.26	"
.5+4.4 / 2	0.025	3.24	"
.4+4.5 / 2	0.025	3.24	"
.5+4.5 / 2	0.025	3.38	"
.5+5 / 2	0.25	1.42	"
4.10	0.025	0.15	"
4.10	0.025	1.33	"

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262907

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

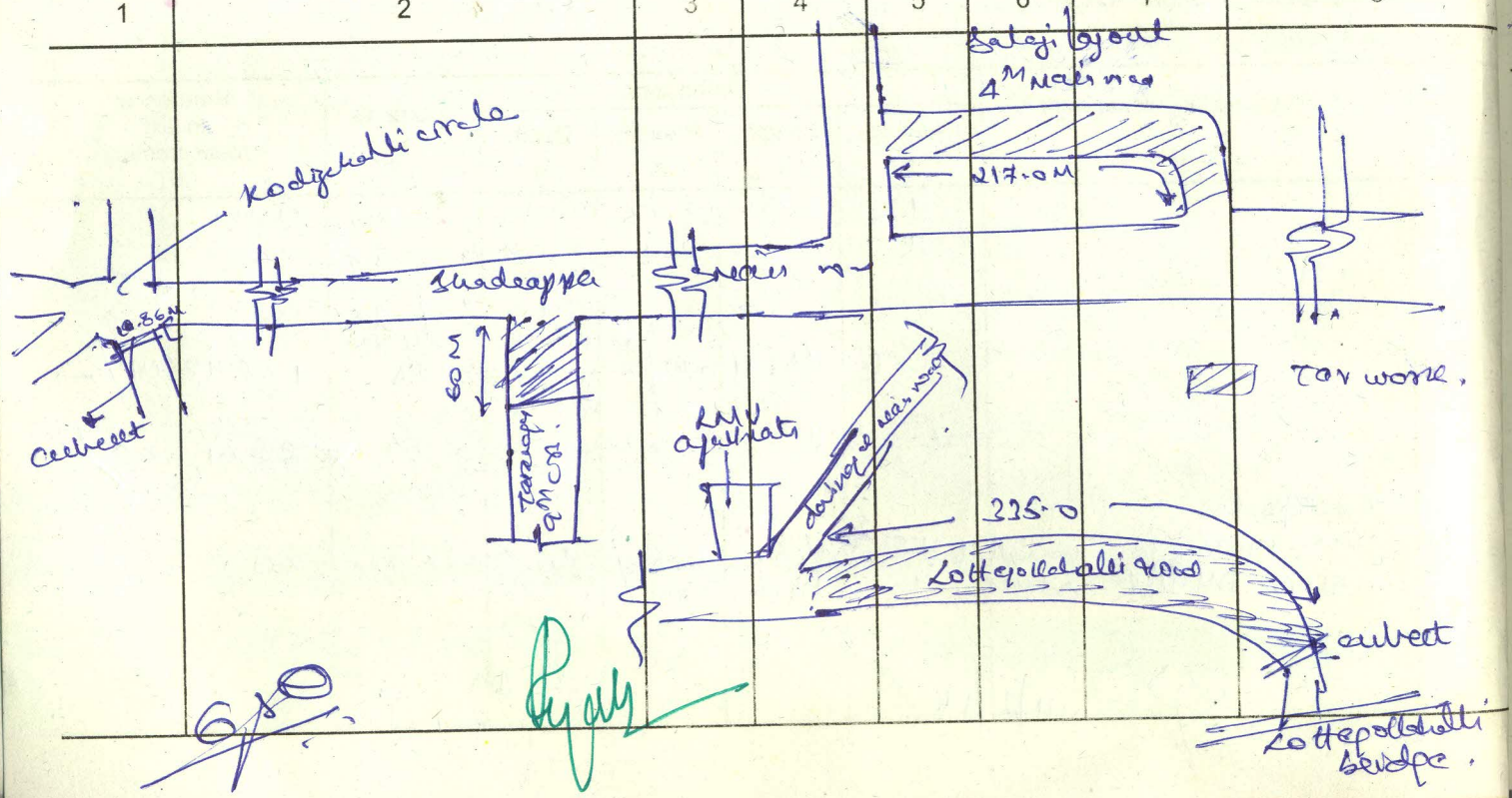
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	6.50	6.50	0.025	0.49	cum
		1	5.60	2.40	0.025	0.17	"
					Total	124.24	cum
					Limited To	124.20	
			@ Rs. 11,050/-			Rs	13,74,894/-
	Total Bill Amount = Rs						29,01,063/-
1)	Certificate The work is completed satisfactorily & there are no deficiencies to this work. 24/2/16.						

ಮಾನ್ಯ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಉತ್ತರ ಕನ್ನಡ ವಿಭಾಗ
ಯಲ್ಲಾಪುರ ಪಂಚಾ. ರಾ.ಪಂ.ಇ.
ಕಾರವಾರ - 560092
24/2/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

29/06/
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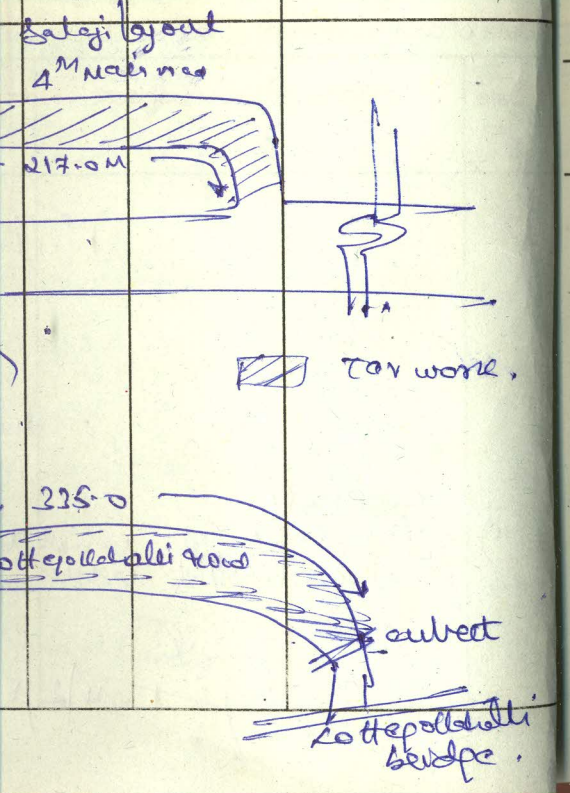
h	Depth 6	Contents 7	Reference to last Measurement 8



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Measurement Book

No. B

262908

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	290063=00 425586=00 24,75,427=00				IT — 29011 — VAT — 116043 — LWF — 2901 — CGF — 2901 — Roy — 60057 — FSH — 188569 — Total — 425586=00		

H.V.J

24/9/16